

## AMENDMENTS TO THE SPECIFICATION

Amend the Abstract as shown below.

*M.E.  
Abstract  
Page*

An extra capacity radio base station for a wireless communication system. A first radio base station provides wireless communication to at least one sector of the wireless communication system. The first radio base station couples to a first group of  $n$  radios. A second radio base station couples to the first radio base station, and the second radio base station also provides wireless communication to the at least one sector. The second radio base station couples to a second group of  $n$  radios. The first radio base station coupled to the second radio base station creates the extra capacity radio base station. The extra capacity radio base station utilizes an extra control radio to create  $2n+1$  radios available for voice and data communication to the at least one sector of the wireless communication system.

RAI,JB01-596724-v4.

✓ Amend paragraph [0017] as follows.

*A1  
Cont.*

[0017] FIGS. 1 and 2 are schematic drawings showing embodiments of an extra capacity radio base station 10. The extra capacity radio base station 10 is created by coupling together a first radio base station 12 and a second radio base station 14. FIG. 1 shows the extra capacity radio base station 10 may include separate cabinets. The first radio base station 12 is housed in a first cabinet 16, while the second radio base station 14 is housed in a separate second cabinet 18. A conduit 20 connects the first cabinet 16 with the second cabinet 18. The conduit 20 provides a protected passage for cables and wires (not shown for simplicity) coupling the first radio base station 12 with the second radio base station 14. The first radio base station 12 and the second radio base station 14 are shown as the Ericsson® RBS 884 family of Time Division Multiple Access products (Ericsson® is a registered trademark of Telefonaktiebolaget LM Ericsson houses, Telefonvägen 30, 12625 Stockholm, Sweden, phone: +46 8 719 00 00; [www.ericsson.com](http://www.ericsson.com)). Those of ordinary skill in the art of wireless communication

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understand, however, that the Ericsson® 884 family is only a representative example of radio base stations, and that the present invention is equally applicable to other radio base station designs and other radio base station manufacturers.

Amend paragraph [0029] as follows.

*A2*

[0029] Those of ordinary skill in the art of wireless communication also recognize the present invention is applicable to all wireless communication methods. The present invention is applicable to radio base stations utilizing code-division multiple access (CDMA) technologies, time-division multiple access (TDMA) technologies, and the global system for mobile communications (GSM) technology. The present invention is also compatible with the June, 2000 World Radiocommunication Conference agreement on third-generation cellular telephony (806-960 MHz, 1710-1885 MHz, and 2500-2690 MHz). See William Sweet, *Cell phones answer Internet's call*, IEEE SPECTRUM, Aug. 2000, at 43. Radio base stations transmitting and receiving radio frequencies, such as the industrial, scientific, and medical (ISM) band of the electromagnetic spectrum (2.4GHz-2.5GHz), (e.g., "Bluetooth"), are also applicable.